SAFETY DATA SHEET

Date Prepared : 10/15/2015
SDS No : BC8360A

BC 8360 Iso Part A

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BC 8360 Iso Part A

MANUFACTURER

BCC Products/Blehm Plastics
2140 Earlywood Drive
P.O. Box 327
Franklin, IN 46131
Customer Service: (317) 736-4090

2. HAZARDS IDENTIFICATION

GHS LABEL

Contains Trace Toluene Diisocyanate

Health hazard

Exclamation mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

Prevention:

P202: Do not handle until all safety precautions have been read and understood.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P284: [In case of inadequate ventilation] wear respiratory protection.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Toluene Diisocyanate	< 1	26471-62-5
Poly(oxy(methyl-2-ethane)), toluene diisocyanate polymer	95 - 100	9057-91-4

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

SKIN: Wash with soap and water.Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

INGESTION: Do NOT induce vomiting. never give anything by mouth to an unconscious person.Drink 1 to 2 glasses of water. Seek medical advice. .

INHALATION: Move exposed person to fresh air.If breathing is difficult give oxygen. If not breathing, provide artificial respiration or oxygen by trained personnel. Call a physician Immediately.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. Dry sand. Limestone powder.Do Not use water directly on fire. Use water spray to cool down fire-exposed containers. Water spray may cause frothing.

HAZARDOUS COMBUSTION PRODUCTS: Products of combustion may include isocyanate vapours, carbon monoxide, carbon dioxide, hydrogen cyanide, nitrogen oxides, dense smoke and irritating or toxic fumes.

FIRE FIGHTING PROCEDURES: Use protective fire fighting clothing and positive pressure self-contained breathing apparatus to protect against potential harmful and/or irritating fumes. Assure adequate protection for skin and eyes. Do not get water inside containers. Do not breathe combustion products. Prevent run-off from entering sewers or waterways.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Isolate area; keep unnecessary and unprotected personnel from entering the involved area. Stop leak if there is no risk/ Move containers from spill area. Ventillate the contaminated area thoroughly. Prevent from entering into drains, ditches and waterways. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose with a licensed waste disposal contractor.

LARGE SPILL: Dike spillage. If temporary control of isocyanate vapor is required, a balnket os protein foam or other suitable foam (available from most fire departments) may be placed over the spill. Transfer as much liquid as possible via pump or vacuum deviceinto closed but not sealed containers for disposal. For residues: Wash down with decontamination solution. Allow solution to stand for at least 10 minutes.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent further leakage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. soak up with inert absorbent material and dispose of as hazardous waste.

LAND SPILL: Prevent spills from breaching containment.

AIR SPILL: Avoid release to the environment.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands thoroughly before eating, drinking or smoking.

HANDLING: For Industrial or professional use only. Avoid breathing dust. Do not eat, drink, or smole when using this product. Wash thoroughly after handling.

STORAGE: Store in a cool, dry, well-ventilated area away from incompatible substances. Protect from atmospheric moisture. Do not store product contaminated with water to prevent potential hazardous reaction.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

SKIN: Chemical resistant protective gloves should be worn to prevent all skin contact. Suitable materials may include , chloropene rubber (Neoprene), Nitrile rubber (Buna N), chlorinated polyethylene, polyvinylchloride (Pylox), butyl rubber, depending on conditions of use.

RESPIRATORY: In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

PROTECTIVE CLOTHING: Cover as much exposed skin as possible to prevent all skin contact. Suitable materials may include, saran-coated material, depending on conditions of use.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Characteristic TDI odor

APPEARANCE: Viscous liquid

COLOR: Colorless to light yellow

PERCENT VOLATILE: negligible

FLAMMABLE LIMITS: 0 to 0

VAPOR PRESSURE: 48

VAPOR DENSITY: 48

BOILING POINT: > (400°F)

SPECIFIC GRAVITY: 1.2

(VOC): 101.000

10. STABILITY AND REACTIVITY

REACTIVITY: This product is chemically stable.
No hazardous reactions if stored and handled as prescribed/indicated.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur. If this material is heated above 160°F for extended periods, polymerization will occur but does not constitute a safety Hazard.

HAZARDOUS DECOMPOSITION PRODUCTS: TDI vapors, cyanates, hydrocarbons, oxides of carbon and nitrogen and traces of hydrogen canide (HCN)

INCOMPATIBLE MATERIALS: Water, amines, alcohols, acids, bases, organotin catalysts, amides, phenols, mercaptans, urethanes, ureas, and surface active compounds.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes irritation of the eyes with redness, pain and tearing. Corneal injury is possible.

SKIN EFFECTS: May cause irritation, skin discoloration and hardening of the skin. May cause allergic reaction (rash, itching and swelling). Skin contact may also cause an allergic respiratory reaction as described under inhalation.

CHRONIC: Repeated skin contact or inhalation may sause sesitization with allergic reaction or asthmatic symptoms upon future exposure.Symptoms can occur immediately following exposure or can be delayed for several hours.Sensitized individuals react to very low concentrations of TDI, below 0.001 ppm. Death has occured in individuals accidentally exposed to low concentrations of TDI. Exposure to TDI can also cause hypersensitivity pneumonitis (an allergic lung disease) with symptoms of fever, shortness of breath, malaise, cough and chills. chronic exposure to TDI may also cause impaired lung capacity. Cross sensitivity to other isocyanates may also occur.

CARCINOGENICITY

IARC: Group 2B - Possibly Carcinogenic to Humans.

NTP: Reasonably anticipated to be human carcinogen.

Notes: TDI is listed as a possibel human carcinogen by IARC and as a reasonably anticipated to be a carcinogen by NTP. None of the other components of this product are listed as carcinogens by OSHA, IARC, NTP or ACGIH.

SENSITIZATION: May cause allergy or asthma symptoms or breathing sifficulties if inhaled. May cause an allergic skin reaction. Isocyanates are known to cause skin and respiratory sensitization in humans. Animal tests have indicated that respiratory sensitization can result from skin contact with TDI.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available.

ECOTOXICOLOGICAL INFORMATION: No data is available on the product itself.

BIOACCUMULATION/ACCUMULATION: Not Established

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Incinerate or otherwise dispose of in compliance with all applicable federal, state and local environmental control laws and regulations.

EMPTY CONTAINER: Containers should be drained of all residual product prior to disposal. Follow all Federal, State and Local laws/regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

REPORTABLE QUANTITY (RQ) UNDER CERCLA: 10,000 LBS

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated

MARINE POLLUTANT #1: NO

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product has an RQ of 10,000lbs. based on the RQ of TDI of 100 lbs. present at a maximum of 1%.

Chemical Name	Wt.%	CERCLA RQ
Toluene Diisocyanate	< 1	100

CERCLA RQ: 10,000 LBS.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Toluene Diisocyanate	26471-62-5

CLEAN AIR ACT

Chemical Name	Wt.%	CAS
Toluene Diisocyanate	< 1	26471-62-5

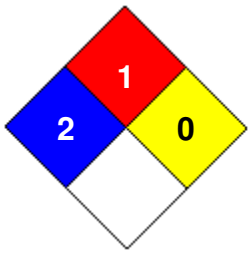
16. OTHER INFORMATION

Date Prepared: 10/15/2015

HMIS RATING

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA CODES



MANUFACTURER DISCLAIMER:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. BCC Products shall not be held liable for any damage resulting from handling or from contact with the above product.